

L7 ANSWER 4 OF 10 CA COPYRIGHT 2004 ACS on STN
 AN 109:26831 CA
 ED Entered STN: 22 Jul 1988
 TI Method for the manufacture of asbestos-free shaped products
 IN Ausborn, Juergen; Brack, Klaus Dieter; Pelzer, Reimund; Roewer, Lutz;
 Schmidt, Werner; Schubert, Baerbel
 PA VEB Kombinat Bauelemente und Faserbaustoffe, Ger. Dem. Rep.
 SO Ger. (East), 3 pp.
 CODEN: GEXXA8
 DT Patent
 LA German
 IC ICM C04B014-20
 CC 58-4 (Cement, Concrete, and Related Building Materials)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 253421	A1	19880120	DD 1986-295392	19861020
PRAI	DD 1986-295392		19861020		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
DD 253421	ICM	C04B014-20

AB In the manuf. of asbestos-free shaped product from a mixt. of hydraulic binders, org. fibers such as cellulose, and optionally, inorg. fibers and fillers, the mixt. contains waste mica. These products have min. swelling-shrinking values, and can be produced without **autoclave** hardening. The mixts. contain cement 70-90, e.g., 80, cellulose fibers 3-8, e.g., 8, synthetic fibers 1-2, e.g., 2, and micaceous waste (diam. 1 mm) 2-30, e.g., 10 wt.%. An aq. 25% suspension of the mica and cement (and fibers) is prepd. and the dewatering follows by the **Hatschek** process. The resulting plates have bulk d. 1600 kg/m³, bending strength 20 N/mm², and swelling-shrinking value 2 mm/m, vs. 1600 kg/m³, 20 N/mm², and 5 mm/m.
 ST mica waste cement fiber plate; cellulose fiber micaceous waste
 IT Cement
 (binder, plates contg., with waste mica for low swelling-shrinking value)